(B1) initiating a request for locking out in the digital assets in a public chain, in order to trigger a smart contract on the mapping chain for locking out the digital assets;

(B2) each node in the mapping chain respectively receives transaction broadcast information generated based on the triggered smart contract, and completes the transaction of the digital assets when the transaction signature of each the said node reaches threshold value of transaction signature;

(B3) the mapping chain releases the control right of digital assets for which transaction has been completed.

(B4) confirming the successfully release of the control right of the digital assets for which transaction has been completed, and then the smart contract updates the account status of the mapping chain, in order to complete locking out the digital assets and release of the mapping.

7. The method to realize locking out and controlling of digital assets according to claim 6, characterized in that, prior to step (B2) further comprises:

(B20) the triggered smart contract checks the total amount of the digital assets of the public chain, and when the total amount of the digital assets reaches the digital assets to be locked out, the digital assets to be locked out in the public chain are locked in, and the transaction broadcast information is generated based on the triggered smart contract.

8. The method to realize locking out and controlling of digital assets according to claim 7, characterized in that, the transaction broadcast information comprises transaction target address and transaction signature.

9. The method to realize locking out and controlling of digital assets according to claim 6, characterized in that, the step (B3) is specifically:

through the query interface, each node of the mapping chain confirms that the transaction of the digital assets is confirmed on the public chain, and then releases the control right of the digital assets for which transaction has been completed.

* * * * *